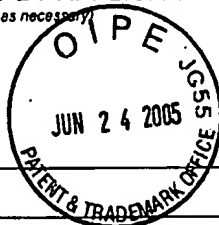


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Complete if Known

Application Number	09/919,483
Filing Date	July 31, 2001
First Named Inventor	Zhu, Qingsheng
Group Art Unit	3762
Examiner Name	Getzow, Scott

Attorney Docket No: 279.374US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
56	US-2002/0123674A1	09/05/2002	Plicchi, Gianni, et al.	02/27/2002
	US-2003/0055461A1	03/20/2003	Girouard, Steven D., et al.	08/06/2002
	US-2003/0220580A1	11/27/2003	Alt, Eckhard	05/25/2002
	US-2004/0116819A1	06/17/2004	Alt, Eckhard	07/16/2003
	US-2004/0102712A1	05/27/2004	Belalcazar, Andres, et al.	11/25/2002
	US-2004/0133079A1	07/08/2004	Mazar, Scott T., et al.	01/02/2003
	US-2004/0147982A1	07/29/2004	Bardy, Gust H.	08/22/2003
	US-2004/0172080A1	09/02/2004	Stadler, Robert W., et al.	12/03/2003
	US-2004/0215270A1	10/28/2004	Ritscher, David E., et al.	04/25/2003
	US-2005/0004609A1	01/06/2005	Stahmann, Jeffery E., et al.	07/02/2003
	US-2005/0021098A1	01/27/2005	Spinelli, J. C., et al.	06/07/2004
	US-2005/0080460A1	04/14/2005	Wang, Li, et al.	10/14/2003
	US-4,059,169	11/22/1977	Hagen, Winston H.	02/09/1976
	US-4,562,843	01/07/1986	Djordjevich, Ljubomir, et al.	07/06/1981
	US-4,567,892	02/04/1986	Plicchi, Gianni, et al.	03/10/1983
	US-5,003,976	04/02/1991	Alt, Eckhard	09/28/1988
	US-5,179,947	01/19/1993	Meyerson, Scott C., et al.	01/15/1991
	US-5,273,034	12/28/1993	Nilsson, Kenth-Ake-Sune	04/22/1992
	US-5,355,894	10/18/1994	Sivard, Ake	08/23/1993
	US-5,404,877	04/11/1995	Nolan, James A., et al.	05/04/1993
	US-5,454,377	10/03/1995	Dzwonczyk, Roger R., et al.	10/08/1993
	US-5,522,860	06/04/1996	Molin, R. D., et al.	12/23/1994
	US-5,562,712	10/08/1996	Steinhaus, Bruce, et al.	11/25/1994
	US-5,722,999	03/03/1998	Snell, Jeffery D.	08/02/1995
	US-6,336,903	01/08/2002	Bardy, Gust H.	11/16/1999
	US-6,595,927	07/22/2003	Pitts-Crick, Jonathan, et al.	07/23/2001
	US-6,811,537B2	11/02/2004	Bardy, Gust H.	01/07/2002
	US-6,829,503B2	12/07/2004	Alt, Eckhard	05/25/2002
	US-6,907,288	06/14/2005	Daum, D. R.	06/12/2001
	US-6,912,420	06/28/2005	Scheiner, A., et al.	04/10/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
56	EP-0584388A1	03/02/1994	Sivard, Ake	
56	EP-0663219A1	07/19/1995	Dalmolin, Renzo, et al.	

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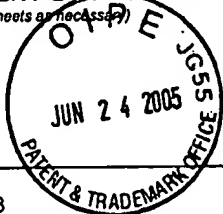
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
S6		BELALCAZAR, ANDRES, et al., "Improved lung edema monitoring with coronary vein pacing leads: a simulation study", <u>Physiological Measurement</u> , Vol. 25, (2004), 475-487	
		CAMPBELL, J. H., et al., "Clinical applications of electrical impedance tomography in the monitoring of changes in intrathoracic fluid volumes", <u>Physiol. Meas.</u> , Vol. 15, (1994), A217-A222	
		CAMPBELL, J. H., et al., "Detection of changes in intrathoracic fluid in man using electrical impedance tomography", <u>Clinical Science</u> , Vol. 87, (1994), 97-101	
		DAUM, DOUGLAS R., et al., "SYSTEMS AND METHODS FOR HYPOTENSION", Application Serial No. 11/141,260, filed May 31, 2005, Attorney Docket No. 279.968us1, 51 pages	
		DENNISTON, J. C., et al., "Factors Influencing the measurement of stroke volume by electrical impedance", <u>Physiology (1372-1377)</u> , Cardiac Output, Abstract No. 1373, 463	
		ECKHARD, ALT, et al., "Control of Pacemaker Rate by Impedance-based Respiratory Minute Ventilation", <u>Chest</u> , Vol. 92, No. 2, (August 1987), 247-252	
		ELLENBOGEN, KENNETH A., et al., "Clinical Cardiac Pacing", <u>Clinical Cardiac Pacing</u> , Excerpt pages 22-23, (1995), 22-23	
		FEIN, ALAN, et al., "Evaluation of Transthoracic Electrical Impedance in the Diagnosis of Pulmonary Edema", <u>Circulation</u> , Vol. 60, No. 5, (November 1979), 1156-1160	
		GOOVAERTS, H. G., et al., "Microprocessor-based system for measurement of electrical impedances during haemodialysis and in postoperative care", <u>Medical & Biological Engineering & Computing</u> , Vol. 26, (January 1988), 75-80	
		HOON, RAGHUNATH S., et al., "Changes in Transthoracic electrical impedance at high altitude", <u>British Heart Journal</u> , Vol. 39, (1977), 61-66	
		HULL, E. T., et al., "The Transthoracic Impedance Method for the Determination of the Degree and Change in Extravascular Water", <u>Acta Tuberc. Pneumol. Belg.</u> 68/4, (1977), 369-377	
		HULL, E. T., et al., "Transthoracic electrical impedance: artifacts associated with electrode movement", <u>Resuscitation</u> , Vol. 6, 115-124	
		JOEKES, A. M., et al., "Impedance Cardiography - Its value in an intensive care unit", <u>D) Materiels et techniques/Cardiocirculatory Equipment and Technics</u> , Abstract No. 141, 1 Page	
		KELLER, GUIDO, et al., "Monitoring of Pulmonary Fluid Volume and Stroke Volume by Impedance Cardiography in Patients on Hemodialysis", <u>CHEST</u> , Vol. 72, No. 1, (July 1977), 56-62	
		KHAN, MAHFOOZ R., et al., "Quantitative electrical-impedance plethysmography for pulmonary oedema", <u>Medical & Biological Engineering & Computing</u> , Vol. 15, (November 1977), 627-633	

EXAMINER

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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56		LEUNG, ZOE K., et al., "Feasibility of an automatic atrial and ventricular threshold determination using transthoracic using impedance", <u>PACE, Vol. 19, Part II, Abstract 263, (April 1996), 631</u>	
		MCCARTY, RICHARD N., et al., "Assessment of pulmonary edema in acute congestive heart failure with impedance cardiography", 1 page	
		MCNAMEE, JAMES E., et al., "Peribronchial electrical admittance measures lung edema and congestion in the dog", <u>Special Communications, Electrical Admittance and Pulmonary Edema, 337-341</u>	
		NIERMAN, DAVID M., et al., "Transthoracic Bioimpedance Can Measure Extravascular Lung Water in Acute Lung Injury", <u>Journal of Surgical Research 65, Article No. 0350, (1996), 101-108</u>	
		NUKIWA, TOSHIHIRO, et al., "Responses of Serum and Lung Angiotensin-Converting Enzyme Activities in the Early Phase of Pulmonary Damage Induced by Oleic Acid in Dogs", <u>Lung Damage by Oleic Acid and Ace Change, 1080-1086</u>	
		PLATIA, EDWARD V., "Time Course of Transvenous Pacemaker Stimulation Impedance, Capture Threshold, and Electrogram Amplitude", Washington, D.C., (September/October 19), pp. 620-625	
		RAGGUENEAU, J. L., et al., "Monitoring of intracellular and extracellular hydric compartments by body impedance.", <u>Anesth Anal. Rean, Vol. 36, (1979), 439-443</u>	
		RAMOS, MARCOS U., et al., "Transthoracic Electric Impedance", <u>Minnesota Medicine, (September 1975), 671-676</u>	
		SAUNDERS, CHARLES E., "The Use of Transthoracic Electrical Bioimpedance in Assessing Thoracic Fluid Status in Emergency Department Patients", <u>American Journal of Emergency Medicine, Vol. 6, No. 4, (July 1988), 337-340</u>	
		SCHUSTER, C. J., et al., "Application of Impedance Cardiography in Critical Care Medicine", <u>Resuscitation, Vol. 11, (1984), 255-274</u>	
		SCHWARTZMAN, DAVID, et al., "Serial Defibrillation Lead Impedance in Patients with Epicardial and Nonthoracotomy Lead Systems", <u>Journal of Cardiovascular Electrophysiology, Vol. 7, No. 8, (August 1996), 697-703</u>	
		THAKUR, RANJAN K., et al., "Pericardial Effusion Increases Defibrillation Energy Requirement", <u>PACE, Vol. 16, (June 1993), 1227-1230</u>	
		VAINSHTAIN, G. B., et al., "The Functioning of the Cerebral Circulation System in Hyperthermia in Rabbits", 1608-1614	
		VAN DE WATER, JOSEPH M., et al., "Monitoring the Chest with Impedance", <u>CHEST, Vol. 64, No. 5, (November 1973), 597-603</u>	
		WANG, LI, et al., "Multiple Sources of the Impedance Cardiogram Based on 3-D Finite Difference Human Thorax Models", <u>IEEE Transactions on Biomedical Engineering, Vol. 42, No. 2, (February 1995), 141-148</u>	

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